

Claims:

102 1. A case for a hard cover book comprising a curable hot melt adhesive. ①

2. The case of claim 1 wherein the case comprises a radiation curable hot melt adhesive. 2/1

3. The case of claim 2 wherein the radiation curable hot melt adhesive is a UV curable hot melt adhesive. 3/2 1

102 4. The case of claim 1 wherein the case comprises a moisture curable hot melt adhesive. 4/1

5. The case of claim 1 wherein the adhesive comprises at least one block copolymer comprising a high vinyl styrene-butadiene-styrene block copolymer and a photoinitiator. 5/1

6. The case of claim 1 wherein the block copolymer is a radial block copolymer. 6/1

7. The case of claim 1 wherein the block copolymer is a linear block copolymer. 7/1

8. The case of claim 1 wherein the adhesive comprises a mono epoxidized mono hydrated diene polymer and a photoinitiator. 8/1

9. The case of claim 1 which is embossed. 9/1

10. The case of claim 1 comprising cover boards and a porous cover stock. 10/1

11. An embossed product comprising a cured hot melt adhesive. ①

12. The product of claim 11 wherein the cured hot melt adhesive is a radiation cured hot melt adhesive.

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13. The product of claim 11 wherein the cured hot melt adhesive is a moisture cured hot melt adhesive.

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14. A method of forming a case for a hard cover book comprising bonding cover boards to cover stock material using a curable hot melt adhesive.

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15. The method of claim 14 wherein the curable adhesive is a radiation curable hot melt adhesive.

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16. The method of claim 15 wherein the radiation curable hot melt adhesive is a UV curable hot melt adhesive.

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17. The method of claim 14 wherein the curable adhesive comprises a moisture curable hot melt adhesive.

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18. The method of claim 15 wherein the adhesive comprises at least one block copolymer comprising a high vinyl styrene-butadiene-styrene block copolymer and a photoinitiator.

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19. The method of claim 18 wherein the block copolymer is a radial block copolymer.

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20. The method of claim 18 wherein the block copolymer is a linear block copolymer.

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21. The method of claim 14 wherein the adhesive comprises a mono epoxidized mono hydrated diene polymer and a photoinitiator.

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22. The method of claim 14 further comprising embossing the formed case.

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23. A method of claim 14 wherein the cover stock material is a porous cover stock material.

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24. A casemaking machine comprising a curing apparatus.

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25. The machine of claim 24 wherein the curing apparatus is the source of actinic or ionizing radiation or a source of moisture.

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